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**Technical Application Sub-committee Meeting No. 4**  
Wednesday October 1, 2014

**Attendees:** Sreenivas Kesaraju, James Bush, Bill Lunsford, Jason Volz, Bruce Hepke, Cheryl Eakle, Robert Chatham, Errol Wagner, Chris Tyler, Lee Colten, Steve Killian, Michael Burke

- **15 min – Permitting Update – Sreenivas Kesaraju**
  - Mr. Kesaraju explained NESHAP requirements for RICE engines at both major and area sources of hazardous air pollutants (HAP) in addition to NSPS Standards and the effective timing for each. Reciprocating engine uses were discussed as well as the requirements for different capacity systems. Operational, fuel, maintenance, pollution control, and demonstration requirements were also reviewed. Please see presentation for more details. DAQ also forwarded additional information form USEPA on the subject.
- **10 min – Discussion – All**
  - Mr. Killian pointed out that spark ignited natural gas units may not require certification whereas diesel units do.
  - Mr. Chatham mentioned landfill gas projects involving East Kentucky Power.
  - Mr. Kesaraju confirmed that KY DAQ is authorized to administer the EPA regulations and that in this case KY has not made any changes to the rules. BACT requirements, a permitting database, and vendor specifications were also discussed
  - Lee Colten asked about the possibility of a permit by rule (PBR) or a general permit for CHP in Kentucky. Mr. Kesaraju responded that the potential was discussed within DAQ and the preferred direction is to develop templates and spreadsheets to streamline the permitting process. CHP is too diverse in technology options to make PBR, or a general permit practical. DAQ agreed to summarize the intended approach to present to the group.
- **5 min – Draft CHP Vendor List Review - DEDI**
  - **See attached**
- **5 min - CHP Heat Load Application – DEDI**
  - <http://www.epa.gov/chp/technologies.html>
- **10 min - Workshop support needed – KPPC**
  - KPPC submitted an outline for the workshops and requested support for presenters and material on the individual topics
- **10 min - CHP Whitepaper Engines/Turbines – Steve Killian**
  - **See attached**
- **5 min – Next steps and action item recap - All**
  - Next Call scheduled for December 3<sup>rd</sup>, 11am.
  - DAQ agreed to e-mail correspondence for further permitting questions
  - DEDI requested vendor list review and to send suggested additions to Bill Lunsford by e-mail
  - Committee will send supporting workshop material to Cheryl Eakle and consider nominating presenters for each subject matter.
  - Interim communications: E-mail Bill and Jason (may also copy team)